

NC/QC/ BW/2024-25/PMC

Date: 17-06-2024

To,
The Executive Engineer,
Yelahanka Division,
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: 'Drilling of borewells & Providing pipe line and supply of drinking water to public in Harohalli, Nagenahalli, Kenchanahalli, Doddabettahalli, Chikkabettahalli and Ananthpura village areas in ward No 01 and Ward No 03 of Yelahanka Division.

Item No	Description of work	Unit	Qty	Remarks
1	Geophysical investigation at site for sinking borewells for Providing drinking water to the habitation either through the Hand Pump MWS or P.W.S.S. by vertical electrical sounding by adopting Venner or	Each BW	23.00	Work done upto the Billed Quantity and the Quality is Satisfactory
2	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern upto 20 m. Fixing of casing pipes, collars and	Rmtr	1150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
3	50-100mtrs	Rmtr	1150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
4	100-150mtrs	Rmtr	1150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
5	150-200mtrs	Rmtr	1150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
6	200-250mtrs	Rmtr	1150.00	Work done upto the Billed Quantity and the Quality is Satisfactory
7	250-300mtrs	Rmtr	1114.00	Work done upto the Billed Quantity and the Quality is Satisfactory
8	300-350mtrs	Rmtr	951.00	Work done upto the Billed Quantity and the Quality is Satisfactory
9	350-400mtrs	Rmtr	210.00	Work done upto the Billed Quantity and the Quality is Satisfactory
10	Supply of ISI mark 175mm nominal bore, plain and steel casing pipe grade of steel Fe 410 of wall thickness conforming to IS 4270-2001 and latest ammendments, electrical resistance welded steel tubes,	Rmtr	1330.00	Work done upto the Billed Quantity and the Quality is Satisfactory
11	PVC pipes of 10 Kg/cm2 for 200mm	m	219.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
12	Providing and laying at site of work MS casing caps as per IS 1239 (part II) 1982 with all latest amendments if any for any dia. The thickness of plate used for covering one end shall be 3mm (minimum). The dimensions of caps and collars shall be strictly as per	Each	23.00	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Providing, supplying to work site, Submersible Pump Set of 150mm dia suitable for bore well and confirming to IS 8034-2000; 3Phase, SS Bowl & Impeller with Low volt Motor as per specifications, as per	Each	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
14	Supply and delivery of galvanized mild steel tubes of 6mtr standard length heavy duty (C Class) as per IS 1239 (Part-I) 1990 with latest amendments with ISI Mark (one end fitted with Heavy Duty collar	Each	1033.00	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Supply and delivery at site wrought middle steel (galvanized) GI union confirming to IS 1239-II, 1991 with latest amendments if any. For 50 mm dia GI Union	Each	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Providing wrought mild steel (galvanized) GI collar confirming to IS 1239-II, 1991 with latest amendments if any For 50 mm dia GI collar	Each	1033.00	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI hexagonal nipple confirming to IS 1239-II, 1991 with latest amendments if any.	Each	40.00	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Supply and delivery at site wrought middle steel (galvanized) 50 mm dia GI elbow confirming to IS 1239-II, 1991 with latest amendments if any for:	Each	60.00	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to IS 13:8130-1984	Mtr	12472.00	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Labour charges for Erection, Electrification and commissioning of Pump sets, including aligning and balancing of all items including supply and erection of two pair of supporting clamps, bore well caps,	Job	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
21	Labour charges for erection of outdoor type panel board and meter board units with all necessary materials and labour, tools and equipments including providing cement concrete foundation bed	Job	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
22	1.1 kV, XLPE or Heat resistant PVC insulated, PVC extruded Inner Seath Armoured LTUG Cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness and resistivity as per IS-3975 16 Sqmm, 4	km	0.35	Work done upto the Billed Quantity and the Quality is Satisfactory
23	LABOUR For Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70) (Insulated Messenger Neutral) + (1x16) (Street Light Control) (	km	0.35	Work done upto the Billed Quantity and the Quality is Satisfactory
24	Earthing: Supplying and fixing and wiring earth electrode for grounding circuits IC cutouts and other equipments on the meter board in the pit. The pits should be filled up with equal proportion of	Job	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
25	Providing, Supplying and fixing suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. with necessary	Each	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
26	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws 20" x	Nos	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
27	Supplying fully automatic star-delta starter unit push button type with suitable wires, 3 contactors, one adjustable thermal timer mounted on a common base plate held in steel enclosure for use on	Nos	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory

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Item No	Description of work	Unit	Qty	Remarks
28	Supply and delivery at site of brand new best make gate valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	100.00	Work done upto the Billed Quantity and the Quality is Satisfactory
29	Supply and delivery at site of brand new best make non-return valve as per IS 778/1984 with ISI Mark and as per its latest amendments Size 50 mm	Each	100.00	Work done upto the Billed Quantity and the Quality is Satisfactory
30	Supply and delivery at site delivery of best indigenous brand new MCB (Miniature Circuit Breakers) of required capacity as per IS 88228/1978 and its latest amendments and with ISI Mark of	per 3 pole	20.00	Work done upto the Billed Quantity and the Quality is Satisfactory
31	Earth work excavation for pipelines/cables by Manual means upto 600 mm trench width, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights,	Cum	1198.97	Work done upto the Billed Quantity and the Quality is Satisfactory
33	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m.	Cum	727.16	Work done upto the Billed Quantity and the Quality is Satisfactory
34	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed	Cum	263.98	Work done upto the Billed Quantity and the Quality is Satisfactory
35	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical	Cum	27.44	Work done upto the Billed Quantity and the Quality is Satisfactory
E1	Providing PVC ringite pipes conforming to IS 4985:2000 with latest amendments and conveying to worksite, rolling and lowering into trenches, laying true to line and level and perfect linking at joints,	M	3597.60	Work done upto the Billed Quantity and the Quality is Satisfactory
E2	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of	Cum	127.49	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st And Part bill

Thanking you,



With Regards,

NEWZEN Consultants Bangalore

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